"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MOKIN, Aleksey Il'ich; ROSSAL, N.A., polkovnik, red.; EPOV, B.A., dots., kand. tekhn. nauk, red.; SOKOLOVA, G.P., tekhn. red.

[Aid for the demolition man]V pomoshch' podryvniku. Pod red. B.A.Epova. Moskva, Voenizdat, 1962. 54 p. (MIRA 15:10)

(Demolition, Military)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ACCESSION NR: AT4047803 S/2996/64/000/055/0069/0080

AUTHOR: Morin, N. I. (Retired major-general of engineering corps)

TITLE: The problem of revision of certain blasting calculations

SOURCE: Nauchno-tekhnicheskoye gornoye obshchestvo. Vzryvnoye delo, no. 55/12, 1964. Podzemnyye i otkrytyye vzryvnyye raboty* (Underground and open blasting operations), 69-80

TOPIC TAGS: blasting, blasting calculation, blasting effect

ABSTRACT: In 1953 the Komitet tekhnicheskoy terminologii Akademii nauk SSSR (Commission of Technical Terms of the USSR Academy of Sciences) approved the term "blasting effect" as the ratio between the crater radius and the line of least resistance. This term is used not only for blasting out, but also for scarification. The author notes that the first equation for blasting proposed by Goreskov (?) considered the depth of the crater as more important than the crater radius. In modern times, this has been forgotten and both scientists and official codes consider only the crater radius, which cannot show the effect of multiple blasting, for instance. Since the 18th century, all blasting calculations include a coefficient showing the effect of the blasted medium, depth of charge and the blasting effect. However, these equations do not give the correct value of the blasting

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ACCESSION NR: AT4047803

effect, as actual explosives are not taken into account, and all equations should [illegible] the same blasting effect for unity, which is not true. In the present paper, the author considers formulas for blasting out and scarification, pointing out that it is not permissible to use different approaches to derive blasting equations [illegible] similar conditions. Calculations should depend on the blasted volume. On the [illegible] a certain quantity of explosives per unit volume, the general equation may then be employed for the given geometrical dimensions. The existing codes for blasting do not take into account the type of explosion, as the coefficients for blasting out and scarification are provisional, not considering the actual required quantity of explosives per unit volume which depends on the actual conditions. The author concludes that the blasting effect is good only for calculations of blasting out, and even in this case is incomplete as it does not consider the visible crater width. The equation for the blasting effect as the ratio between the crater radius and the line of least resistance may be used only for blasting out. The codes must therefore be re-drafted to have similar classifications and blasting calculations. The universal equation proposed by the author may be employed as a basic principle for actual calculations for relatively low lines of least resistance in a narrow range of crater radii. Orig. art. has: 2 figures and 2 tables.

SUB CODE: MA

ASSOCIATION: none

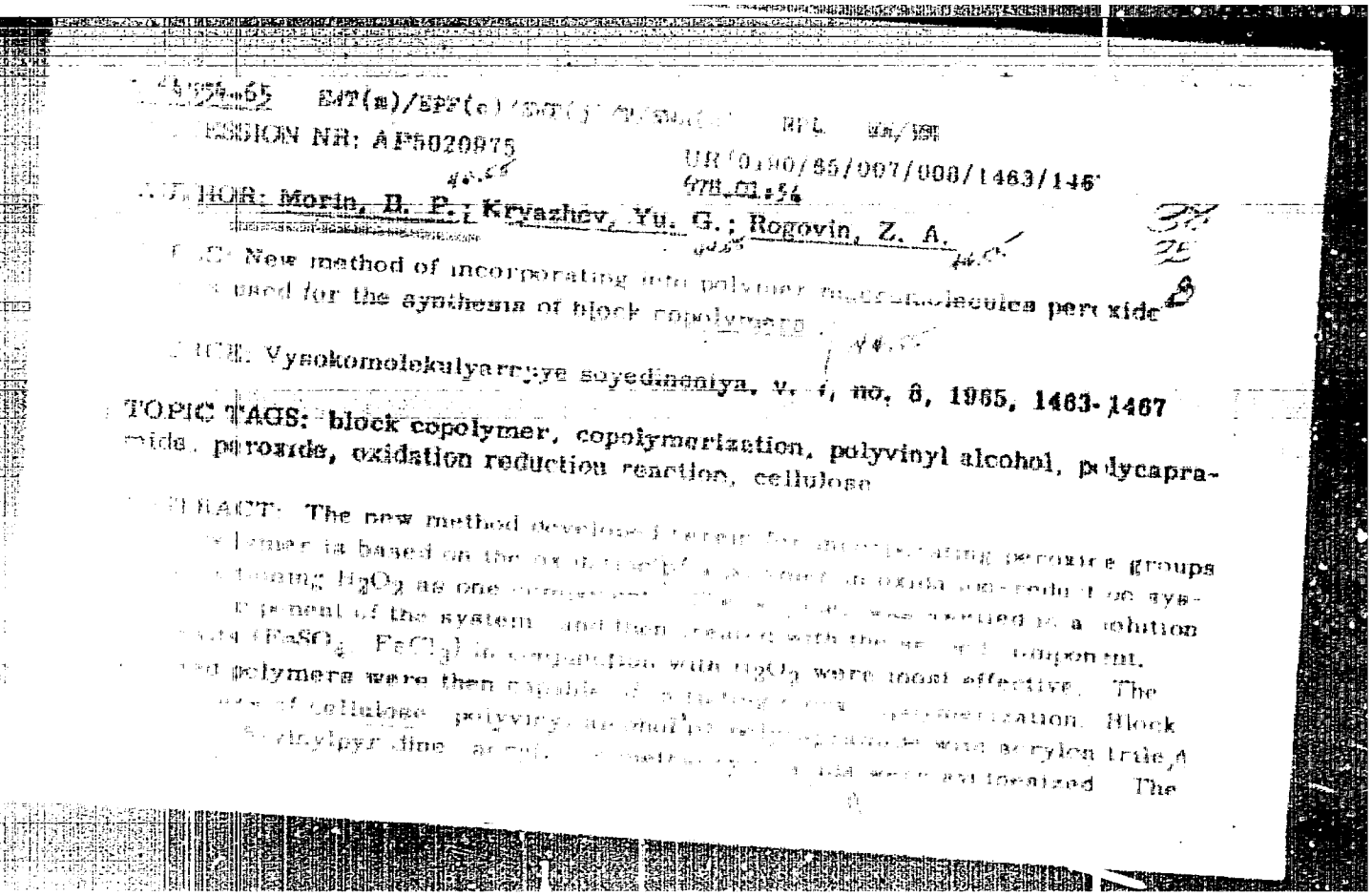
SUBMITTED: 00 ENCL: 00

NO REF SOV: 007 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



EWT(m)/EPF(c)/EWT(RPL WW/WH

ACCESSION NR: AP5020975 UR/0190/65/007/008/1463/1467

AUTHOR: Morin, B. P.; Kryazhev, Yu. G.; Rogovin, Z. A.

TITLE: New method of incorporating into polymer macromolecules peroxide used for the synthesis of block copolymers

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 8, 1965, 1463-1467

TOPIC TAGS: block copolymer, copolymerization, polyvinyl alcohol, polycaproamide, peroxide, oxidation reduction reaction, cellulose

ABSTRACT: The new method developed [illegible] peroxide groups [illegible] polymer is based on the [illegible] using HgO_2 as one component of the system [illegible] was applied to a solution [illegible] of the system [illegible] with the [illegible] component. [illegible] polymers were then [illegible] of cellulose, polyvinyl [illegible] polymerization. Block [illegible] polyacrylonitrile with acrylonitrile, [illegible] methylpyrrolidone as well [illegible] were synthesized. The

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

L 6[illegible]-65
ACCESSION NR: AP5020975

[illegible]anism of peroxide group formation in the initial polymer macromolecule is [illegible]ssed. The block copolymerization is initiated by macroradicals formed by [illegible]ation of the peroxide groups introduced by the treatment in an H_2O_2 [illegible]ing agent or H_2O_2 reducing agent system. Orig. art. has: 3 sets of equa- [illegible] 2 tables

ASSOCIATION: Moskovskiy tekstil'nyy institut (Moscow Textile Institute)

SUBMITTED: 09Oct64 ENCL: 00 SUB CODE: MT, GC

NO REF SOV: 009 OTHER: 004

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

9.6100

S/124/61/000/002/001/007
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1961, No. 2, p. 13, # 2A90

AUTHOR: Morin, B.V.

TITLE: On the Problem of Investigating the Servomechanism of the "Kurs" Gyrocompass

PERIODICAL: V sb.: "Vopr. teorii i rascheta giropriborov i priborov tochn. mekhan. (LITMO, No. 36)". Leningrad, 1958, pp. 70 - 81

TEXT: The problems of stability and dynamical errors were investigated in the servomechanism of the "Kurs" gyrocompass. The analysis of stability is carried out by means of investigating the transmission function of the open system. This investigation shows that the servo system of the gyrocompass "Kurs" is stable and, moreover, with a sufficient reserve of stability. It is shown that the servo system has a dynamical error, which can be reduce by means of the introduction of an additional feedback using derivative of the angle of mismatch between the gyrosphere and the servomechanism sphere.

V. Koshlyakov

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I. S.

Cand. Tech. Sci.

Dissertation: "Experimental investigation of the effect of rigidity and friction of the load graphys of drives in crank-type presses during cold stamping operations." 14 Mar 49

Moscow Order of the Labor Red Banner Higher Technical School imeni Bauman

SO Vecheryaya Moskva
Sum 71

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I.S., kand.tekhn.nauk

Rigidity of crank presses. [Trudy] MVTU no.13:23-31 '51.
(Power presses) (MIRA 12:7)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

BELYAYEV, V.N., dots., kand. tekhn. nauk; BOGATYREV, I.S., dots., kand. tekhn. nauk; BULANZHE, A.V., dots.; VYBORNOV, P.V., st. prepod.; GALOLIN, V.L., dots., kand. tekhn. nauk; GOFMAN, E.I., st. prepod.; DROZDOV, N.A., dots., kand. tekhn. nauk; ZAYTSEVA, L.I., inzh.; IVANOV, V.N., dots., kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk; LUKIN, V.I., dots., kand. tekhn. nauk; MORIN, I.S., dots., kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V., inzh.; POLYAKOV, D.G., dots.; PARGIN, D.P., kand. tekhn. nauk; RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor tekhn. nauk; STOLBIN, G.B., dots., kand. tekhn. nauk, retsenzent; KASPEROVICH, N.S., inzh., red.; SMIRNOVA, G.V., tekhn. red.; UVAROVA, A.F., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas konstruktsii. Moskva, Mashgiz, 1962. 346 p. (MIRA 15:3)

1. Kafedra "Detali mashin" Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana (for all except Stolbin, Kasperovich, Smirnova, Uvarova).

(Machinery--Design)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

BELYAYEV, V.N., dots., kand. tekhn.nauk; BOGATYREV, I.S., kand. tekhn. nauk; BULANZHE, A.V., dots.; VYBORNOV, P.V., st. prepod.; GADOLIN, V.L., dots., kand. tekhn. nauk; GOFMAN, E.I., dots.; DROZDOV, N.A., dots., kand. tekhn.nauk; ZAYTSEVA, L.I., inzh.; IVANOV, V.N., dots., kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk; LUKIN, V.I., dots., kand. tekhn.nauk; MORIN, I.S., dots., kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V., inzh.; POLYAKOV, D.G., dots.; PARGIN, D.P., kand. tekhn.nauk[deceased]; RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor tekhn. nauk; KASPEROVICH, N.S., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas konstruktsii. Izd.2., perer. i dop. Moskva, Mashgiz, 1963.363 p. (MIRA 16:12)

1. Kollektiv kafedry "Detali mashin" Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana (for all except Kasperovich, Tikhanov).

(Machinery—Design and construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MOHIN, I. V.

Combines (Agricultural Machinery)

Analysis of the working process of worm gears of combines. Sel'khozmashina, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I.V., inzhener.

Construction of the auger for combines. Selkhozmashina no.9: 17-20 S '54. (MLRA 7:9)
(Combines (Agricultural machinery))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I.V., inzhener.

Calculating the deformation of the spiral of screw conveyers.
Sel'khozmashina no.6:21-23 Je '56. (MLRA 9:8)

1. (ChMMSRh.

(Conveying machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I.Y., inzhener.

Performance of the screw conveyer. Sel'khozmashina no.11:19-20 N '56. (MLRA 9:12)

(Combines (Agricultural machinery))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ZHAK, S.V., kand.fiziko-matem.nauk; MORIN, I.V., insh.

Concerning the article of I.F.Pikus. Trakt. i sel'khozmash. 30 no.7:47 Jl '60. (MIRA 13:10)
(Grain—Cleaning) (Pikus, I.F.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, I.V.

Oblique helicoid as a transporting surface. Trakt. i sel'khozmash. no.2:31-33 F '65. (MIRA 18:4)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MAL'TSEV, B.G.; GROMOV, N.N., kandidat ekonomicheskikh nauk, retsenzent; MORIN, L.A., inzhener, retsenzent; EIKHENVAL'D, A.V., kandidat ekonomicheskikh nauk, redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor.

[Planning in a foreman's section] Opyt planirovaniia na uchastke mastera. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 81 p. (MLRA 8:1)
(Machinery industry--Accounting)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ILARIONOV, Vitaliy Alekseyevich, kand.tekhn.nauk; MORIN, Mikhail Mikhaylovich, kand.tekhn.nauk; SHEVKIN, Aleksandr Mikhaylovich, kand.tekhn.nauk; MASHCHENKO, A.F., red.; GALAKTIONOVA, Ye.N., tekhn.red.

[The theory of motor vehicles] Teoriia avtomobilia. Moskva, nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, Moskva, 1960. 186 p. (MIRA 13:12)
(Motor vehicles)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

OSTROVSKIY, V.S., kand.tekhn.nauk, MORIN, M.M., kand.tekhn.nauk

Using the induction method for measuring minor displacements in investigating operating conditions of rear axles of motor vehicles. Trudy Kaf."Avt.i trakt" VZMI no.2:58-68 '60. (MIRA 13:7)
(Motor vehicles--Axles--Testing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

YAGANT, A.I., kand.tekhn.nauk, MORIN, M.M., kand.tekhn.nauk

Investigating the flexure of unloaded semiaxles of motor vehicles.
Trudy Kaf.Avt.i trakt. VZMI no.2:69-87 '60. (MIRA 13:7)
(Motor vehicles--Axles--Testing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KUZNETSOV, A. P., kand. tekhn. nauk; MORIN, M. M., kand. tekhn. nauk, dotsent

Rigidity calculation of motor-vehicle spur gear transmissions. Izv. vys. ucheb. zav.; mashinostr. no.7:235-243 '62. (MIRA 16:1)

1. Moskovskiy avtomekhanicheskiy institut i Vsesoyuznyy zaochnyy mashinostroitel'nyy institut.

(Motor vehicles—Transmission devices)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MOHIN, O. V., Cand. Tech. Sci. (diss) "Hydraulic Computation of Movement of Aerating Flow," Novosibirsk, 1961, 13 pp. (Novosibirsk Civil Engr. Inst.) (KL Supp 12-61, 270).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F., inzh.; RAYZER, Yu.F., inzh.; CINCHERMAN, M.L., inzh.

Automatic device for removing excess windings from bobbins. Tekst.-prom. 21 no.5:59-61 My '61. (MIRA 15:1)
(Looms) (Automatic control)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F.; LUDMER, Yu.V.

Dyeing of staple yarn in bobbins with insoluble azo dyes in PK-1 apparatus. Leh.prom. no.1:20-21 Ja-Mr '62. (MIRA 15:9)

1. Khersonskiy khlopchatobumazhnyy kombinat.
(Dyes and dyeing--Cotton) (Kherson--Yarn)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Y.F.

Efficiency of using electric needles for cleaning the drafters of spinning machinery. Leh.prom. no3:41 Je - Ag '62. (MIRA 16:2)

1. Khersonskiy khlopchatobumazhnyy kombinat.
(Spinning machinery—Cleaning)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F.; POPOV, V.U., kand.ekonom.nauk

Increasing labor productivity. Leh.prom. no.4:80-83 O-D '62.
(MIRA 16:5)

1. Khersonskiy khlopchatobumazhnyy kombinat (for Morin).
(Kherson--Cotton manufacture)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F.

Improving the dyeing and finishing of dress and suiting fabrics.
Leh. prom. no.2:47-50 Ap-Je '63. (MIRA 16:7)

1. Khersonskiy khlopchatobumazhnyy kombinat.
(Textile finishing) (Dyes and dyeing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F.

Processing of lavsan polyester fibers in a blend with spun viscose. Leh.prom. no. 4:18-24 O-D '63. (MIRA 17:5)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORIN, Yu.F.

Effect of the heat treatment on the properties of lavsan fibers. (MIRA 17:10)
Leh. prom. no.3:58-61 Jl-S '64.

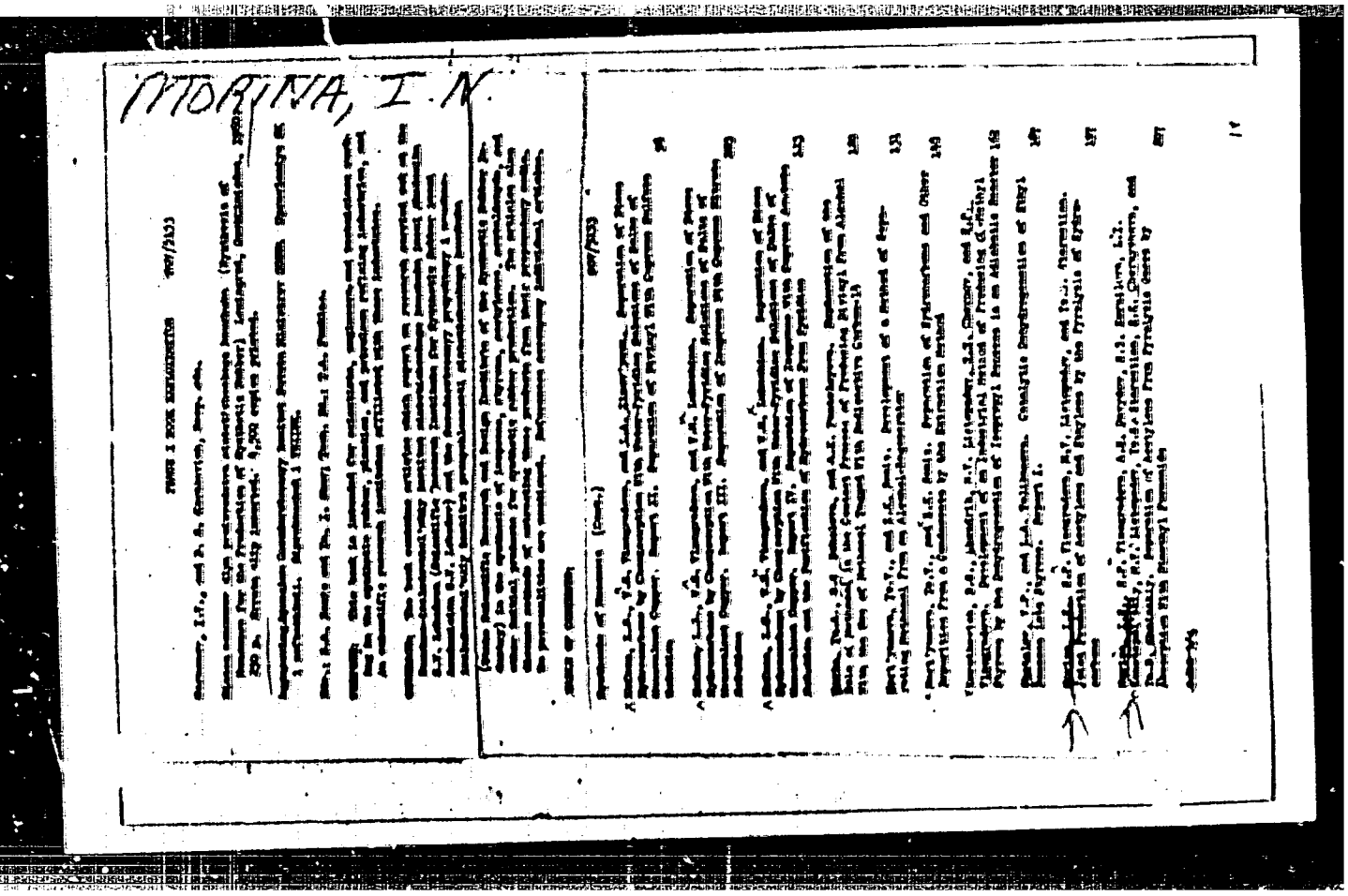
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORINA, I. N. Cand Tech Sci -- (diss) "Study in the field of thermal dissolution of propane." Mos, 1957. 14 pp (with graphs) 21 cm. (Min of Higher Education USSR. Mos Inst of Fine [redacted] Chem Technology im M. V. Lomonosov), 120 copies (KL, 14-57, 86)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



ITTORINA, I. N.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

S/081/61/000/021/058/094
B138/B101

AUTHORS: Morina, I. N., Vinogradova, N. P., Listopadov, M. V., Starostina, Ye. S.

TITLE: Combined synthesis of acetylene and ethylene by hydrocarbon pyrolysis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 317, abstract 21L11 (Sb. "Sintez monomerov dlya proiz.-va sintetich. kauchuka". L., Goskhimizdat, 1960, 197 - 206)

TEXT: C_2H_2 and C_2H_4 are simultaneously produced, in quantities of up to 50 % by weight of the starting hydrocarbons, by the pyrolysis of propane and butane (temperature ≥1050 - 1100°C, contact time 0.1 - 0.15 sec.). Depending on conditions of production, the C_2H_2/C_2H_4 ratio varies between 1 : 3 and 3 : 1. For commercial production it is suggested that tubular furnaces should be used. They should be made of the refractory alloy No. 2, have tube diameter 50 mm and length 25 m, and allow for the rare action

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

Combined synthesis of acetylene... S/081/61/000/021/058/094
B138/B101

of ≥ 2 parts by weight of steam. The life of a furnace with a battery of 20 tubes would be 4 thousand tons C_2H_2 and 5 thousand tons C_2H_4 per annum.
[Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

S/081/61/000/020/070/089
B126/B147

AUTHORS: Morina, I. N., Vinogradova, N. P., Davydov, A. N., Kornilova, N. S., Konetspol'skiy, L. I., Listopadov, M. V., Starostina, Ye. S., Chernysheva, R. K., Shainskiy, Ya. B.

TITLE: Separation of acetylene from pyrolysis gases, using dimethyl formamide as absorbent

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 317, abstract 20L9 (Sb. "Sintez monomerov dlya proiz-va sintetich. kauchuka". L., Goskhimizdat, 1960, 207-215)

TEXT: A scheme for separating concentrated C_2H_2 from gases produced by high-temperature pyrolysis of hydrocarbons, using dimethyl formamide as absorbent, was developed and checked on a test unit. The optimum conditions for the process were established which ensure a virtually complete extraction of C_2H_2 from pyrolysis gases and a yield of concentrate containing 98 to 99 % by volume of C_2H_2. [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ALEKSEYENKO, V.I.; MISHUSTIN, I.U.; Prinimala uchastiye MORINA, L.P.

Compatibility of high polymers. Viscosity of solutions of nitrocellulose, polyvinyl chloride, and their mixtures with polar rubbers.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi.
(Nitrocellulose) (Ethylene) (Rubber)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

VESELOV, V.V.; LINCHEVSKIY, P.V.; MORINA, V.I.

Thermal esterification of synthetic fatty acids under pressure. Khim.prom. no.9:558-560 Ag '62. (MIRA 15:9)
(Acids, Fatty) (Esterification)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

VESELOV, V.V.; LINCHEVSKIY, F.V.; MURINA, V.I.

Effect of the molecular weight of higher fatty acids on their capacity of being reduced to alcohols. Khim. i tekh. topl. i masel. 8 no.3:11-15 Mr '63. (MIRA 16:4)

1. VNIISINZh.
(Acids, Fatty) (Alcohols) (Reduction, Chemical)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

VESELOV, V.V.; LINCHEVSKIY, F.V.; MORINA, V.I.

Transformations of higher fatty acids during their reduction process. Khim. i tekh. topl. i masel 10 no.3:19-22 Mr '65.
(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut sinteticheskikh zhirozamenitelay.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

AMIK, I.;DONHOFFER, S.;MORINI, I.;SZENTES, J.

The effect of starvation on food intake and selection. Acta physiol. hung. 2 no.3-4:363-368 1951. (CLML 22:1)

1. Of the Institute of Pathophysiology of Pecs University.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORING, I

ANDIK, I.; BANK, J.; MORING, I.; Szegvari, O.

The effect of exercise on the intake and selection fof food in the rat. Acta physiol. hung. 5 no.3-4:457-461 1954.

1. Institute of Pathophysiology of the Medical University, Pecs.
(Received September 16, 1953)

(EXERCISE, eff.
on intake & selection of food in rat)
(FOOD
intake & selection, eff. of exercise in rat)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

POTOTSKIY, I.I., prof. Prinimali uchastiye: MEL'NIK, M.I., vrach; MORINYAK, Z.N., vrach; FOKINA, A.I., vrach

Use of pacy asine in psoriasis. Vest. derm. i ven. 37 no.7:
23-26 Jl '63. (MIRA 16:12)

1. Kiyevskiy gorodskoy kozhno-venerologicheskiy dispanser (for Mel'nik, Morinyak, Fokina).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MEZNIKOVA, O.Yu.; MORISOVA, A.P., GORELOVA, I.L.

Bacterial picture in pneumonias in children and pneumococcal resistance to sulfapyridine and penicillin. II. Sulfapyridine and penicillin resistance of pneumococci isolated from children with pneumonia. Pediatriia no.1:21-24 Ja-F '55. (MLRA 8:5)

1. Iz Rostovskogo-na-Donu nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigieny (dir. dotsent A.A.Velikiy).

(PNEUMOCOCCUS INFECTIONS,
pneumonia in child., penicillin & sulfonamide resist. of isolated bact.)
(PNEUMONIA, in infant and child.,
pneumococcal resist. to penicillin & sulfonamides after isolation in child.)
(PENICILLIN, effects,
on pneumococcus isolated in pneumonia in child., resist.)
(SULFONAMIDES, effects,
on pneumococcus isolated in pneumonia in child., resist.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MERIT, Yu., inzh.; ZAKS, M., inzh.

Grain cleaning and drying station. Trakt. i sel'khozmash. 33 no.1:26-29 Ja '63. (MIRA 16:3)

1. Pribaltiyskaya mashinoispytatel'naya stantsiya.
(Grain—Cleaning) (Grain—Drying)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITS, F.

Absolute convergence of series in Haar's system. Izv. AN SSSR. Ser. mat. 27 no.6:1229-1238 N-D '63. (MIRA 17:1)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

HORITZ, P., dr. (Budapest, XI., Gellert ter 4)

On the approximate calculation of critical volumes of liquids. Periodica polytechn chem 7 no.1:27-30 '63.

1. Department of Inorganic Chemistry, Polytechnical University, Budapest. Presented by Prof. Dr. J. Proszt.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

Moritz, P.

MORITZ, P.

Posttraumatic extrapyramidal hyperkinesia. Acta med. hung. 11 no.1:129-137 1957.

1. Abteilung for Neuropsychiatrie des Landeskrankenhauses in Balassagyarmat.

(MOVEMENT DISORDERS, etiol. & pathogen.
extrapyramidal hyperkinesia caused by head inj., pathol. (Ger))
(HEAD, wds. & inj.
causing extrapyramidal hyperkinesia, pathol. (Ger))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

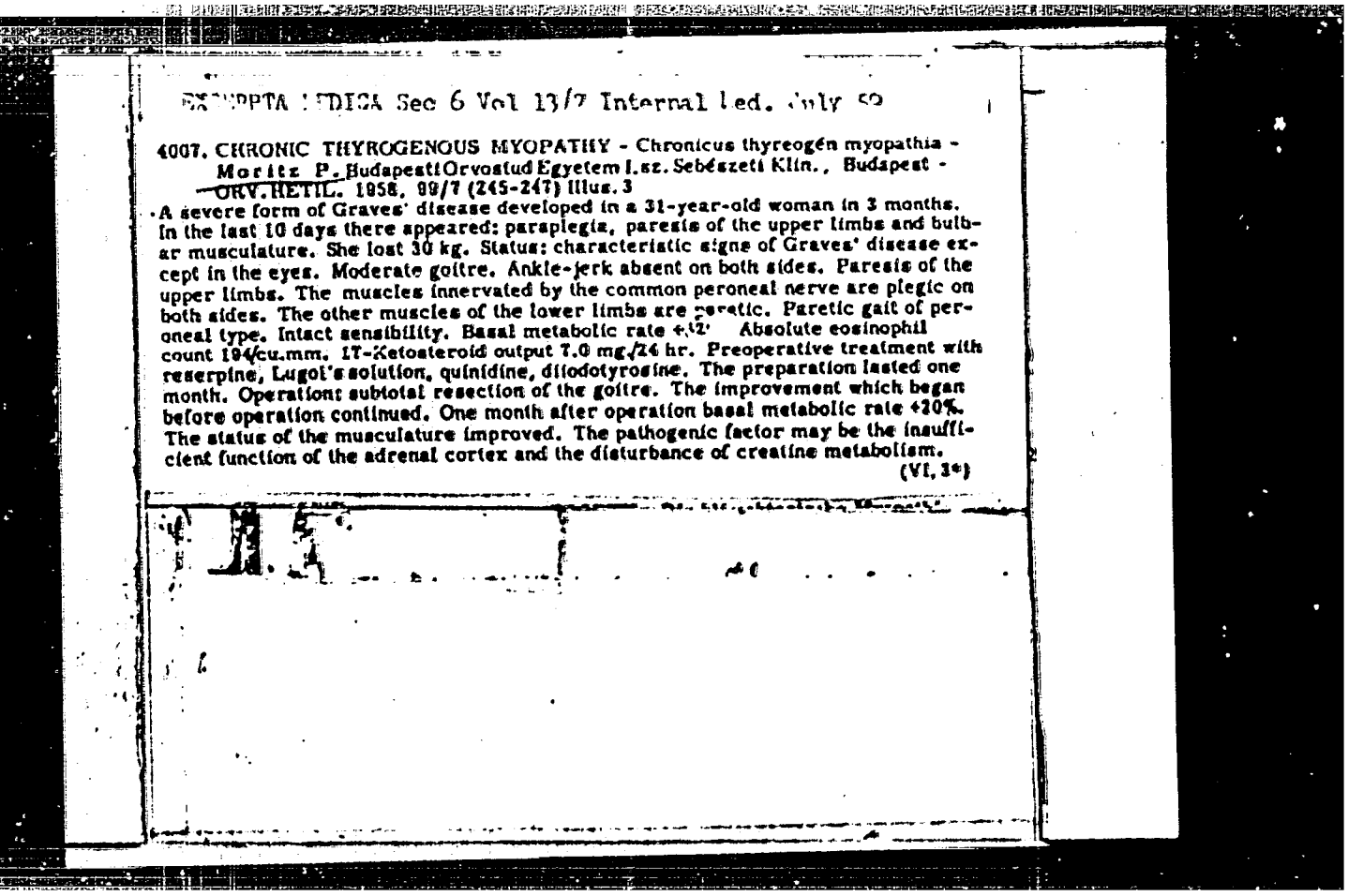
MORITZ, Pal, Dr.

Dystrophic muscular changes in myasthenia gravis. Idegg. szemle 11 no. 1-2:24-29 Feb-Apr 58.

(MYASTHENIA GRAVIS, pathol.
dystrophic musc. changes, histopathol. (Hun))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 59

4007. CHRONIC THYROGENOUS MYOPATHY - Chronicus thyreogén myopathia - Moritz P. Budapesti Orvostud Egyetem I.sz. Sebészeti Klin., Budapest - ORV.HETIL. 1958, 99/7 (245-247) Illus. 3

A severe form of Graves' disease developed in a 31-year-old woman in 3 months. In the last 10 days there appeared: paraplegia, paresis of the upper limbs and bulbar musculature. She lost 30 kg. Status: characteristic signs of Graves' disease except in the eyes. Moderate goitre. Ankle-jerk absent on both sides. Paresis of the upper limbs. The muscles innervated by the common peroneal nerve are plegic on both sides. The other muscles of the lower limbs are paretic. Paretic gait of peroneal type. Intact sensibility. Basal metabolic rate +42' Absolute eosinophil count 194/cu.mm. 17-Ketosteroid output 7.0 mg/24 hr. Preoperative treatment with reserpine, Lugol's solution, quinidine, diiodotyrosine. The preparation lasted one month. Operation: subtotal resection of the goitre. The improvement which began before operation continued. One month after operation basal metabolic rate +20%. The status of the musculature improved. The pathogenic factor may be the insufficient function of the adrenal cortex and the disturbance of creatine metabolism.

(VI, 3*)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

SZEMAN, Sandor, dr.; RISKO, Tibor, dr.; MORITZ, Pal, dr.

Surgical therapy of paralysis related to tuberculous spondylitis.
Tuberkulozis 12 no.9:207-210 S '59.

1. Az Allami Fodor Jozsef Tbc. Gyogyintezet Budapest (Igazgato foorvos: Sebok Lorand dr.) I. sz. Sebeszeti osztalyanak (foorvos: Risko Tibor dr.) es a Budapesti Orvostudomanyi Egyetem I es sz. Sebeszeti Klinikajanak (Igazgato: Hedri Endre dr.) koslemenye.
(TUBERCULOSIS SPINAL compl)
(PARALYSIS etiol)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Pal, Dr.

Data on the pathogenesis of neuralgia paraesthetica. Orv. hetil. 100 no.11:387-391 15 Mar 59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. sebeszeti klinikajarak (igazgat: Hedri Endre dr. egyetemi tanar) kozlemenye.
(PARESTHESIA, etiol. & pathogen.
neuralgia paraesthetica (Hun))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Pal, dr.

Data on the pathogenesis of megacolon. Orv.hetil. 100 no.40: 1446-1449 O '59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak (igazgato: Hedri Endre dr. egyetemi tanar) kozlemenye.
(MEGACOLON etiol.)
(TABES DORSALIS compl.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Pal, dr.

Cervical rib and scalenus syndrome. Orv. hetil. 101 no. 35:1225-1229 28 Ag. '60.

1. Budapesti Orvostudomanyi Egyetem, I. sz. Sebeszeti Klinika
(SCALENUS ANTICUS SYNDROME)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Pal, dr.

Diseases of the vertebral column and spine causing abdominal symptoms. Orv.hetil. 101 no.39:1390-1392 25 S '60.

1. Budapesti Orvostudomanyi Egyetem, I. Sebeszeti Klinika.
(ABDOMEN, ACUTE etiol.)
(SPINE dis.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

OBERNA, Ferenc, dr.; MORITZ, Pal, dr.

Successful grafting in a defect of the radial nerve with a transplanted sensory nervy. Orv. hetil. 103 no.10:446-447 Mr '62.

1. Budapesti Orvostudomanyi Egyetem, I Sebeszeti Klinika es Fovarosi Peterfy Sandor-utcai Korhaz-Rendelointezet, Baleseti-Sebeszeti Osztaly.

(RADIAL NERVE surg) (NEURONS transpl)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

HUNGARY

MORITZ, Pal, Dr; Medical University of Budapest, I. Surgical Clinic (Budapesti Orvostudomanyi Egyetem, I. Sebeszeti Klinika).

"Primary Cystic Tumors of the Skull Bones."

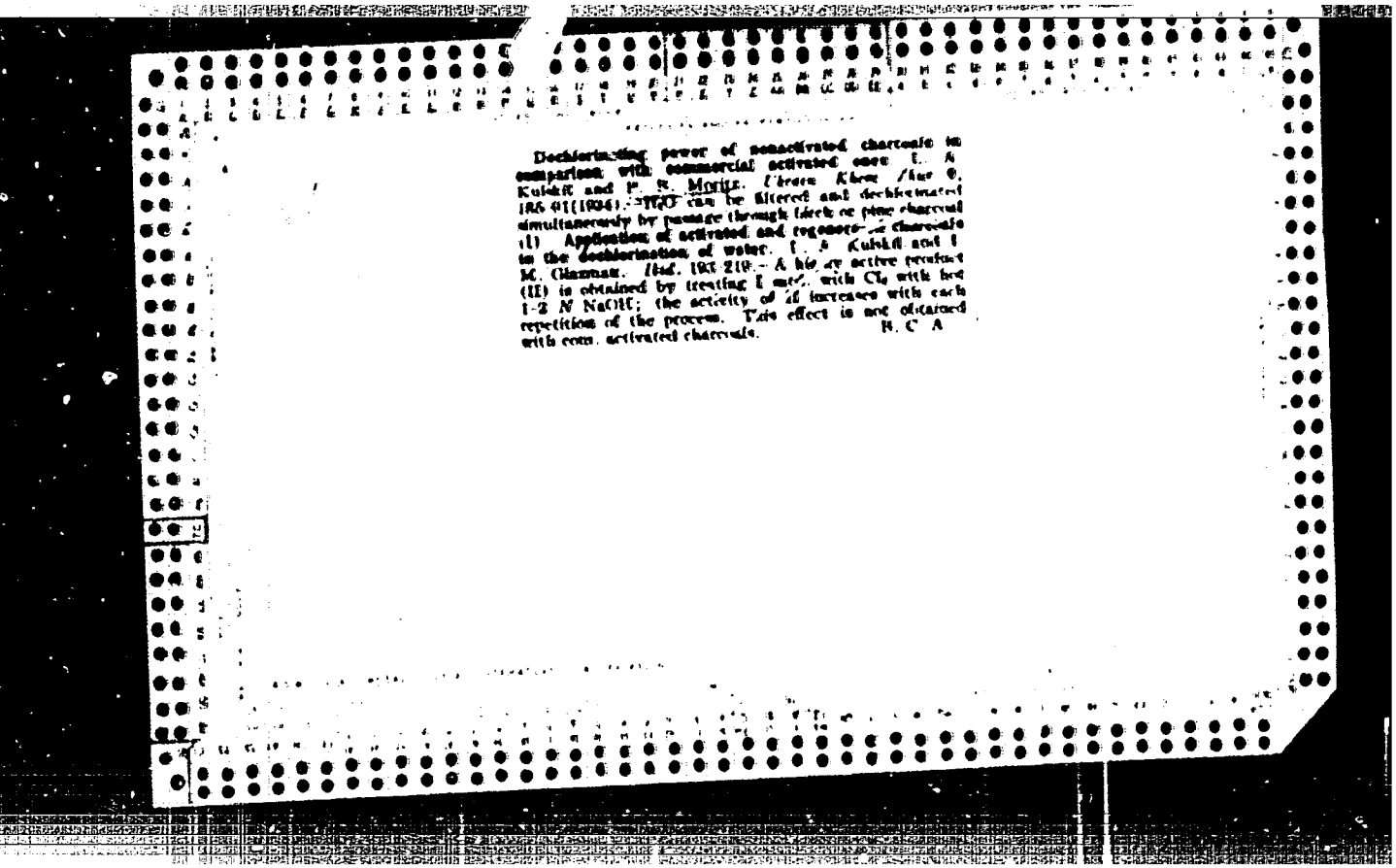
Budapest, Orvosi Hetilap, Vol 104, No 4, 29 Jan 63, pages 157-159.

Abstract: [Author's Hungarian summary] Based on [illegible] cases of his own and on literary data, the author discusses the pathology, pathogenesis, diagnosis and therapy of primary cystic tumors of the skull. The hemangiomatic origin of hemangiomas of the skull is questioned. Differential diagnosis is difficult by X-ray. Examination by a neurosurgeon [illegible] surgery is important for the clarification of the intracranial situation. Single tumors must be removed, multiplex hemangiomas can be treated by X-ray. Biopsy and histological examination must be done before irradiation. 3 Eastern European, 29 Western references.

1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

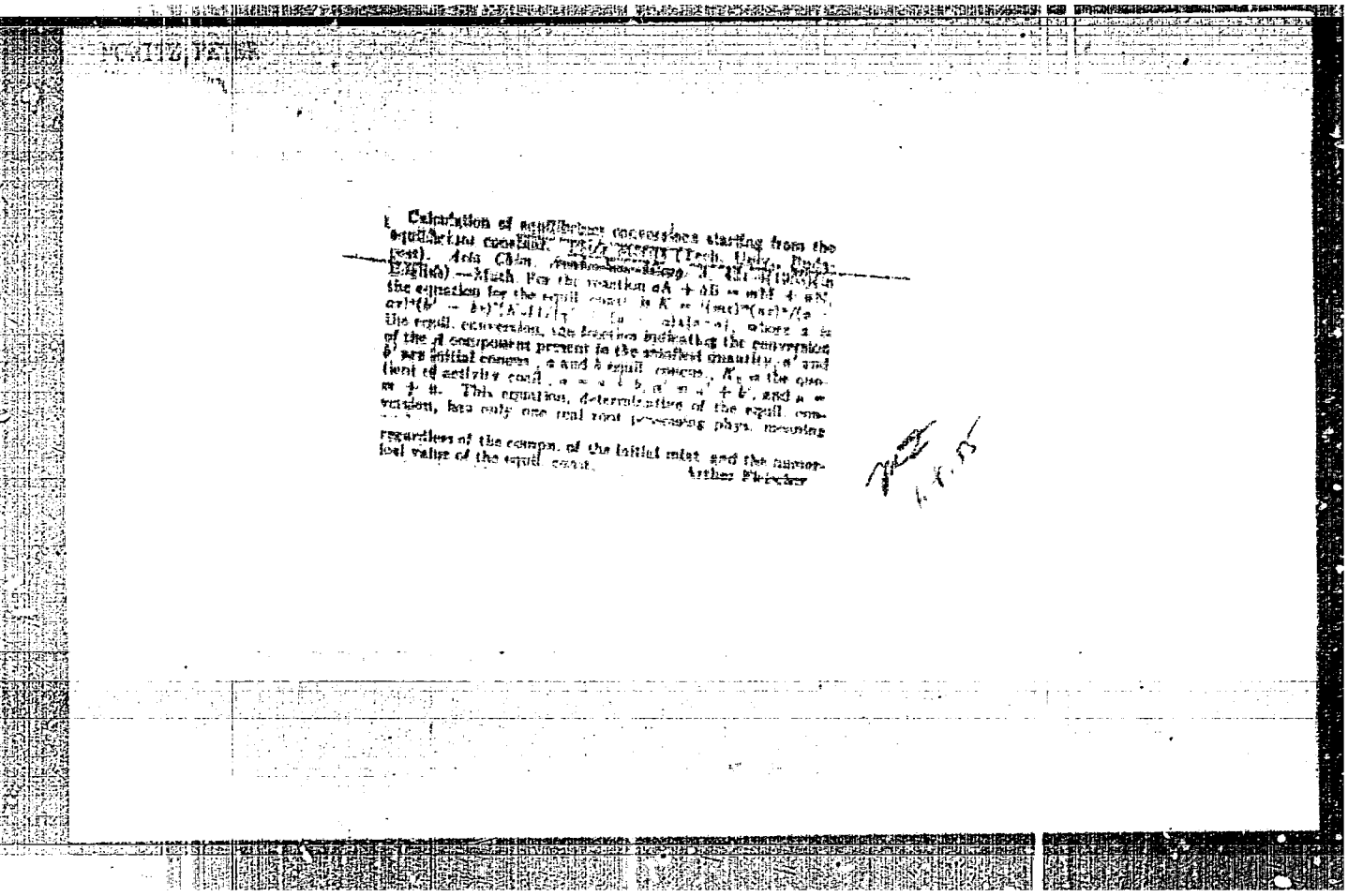
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



Dechlorinating power of nonactivated charcoals in comparison with commercial activated ones. I. A. Kubikh and P. N. Moriz. *Chem. Listy* 28, 9, 186-91(1934).—H$_2$O can be filtered and dechlorinated simultaneously by passage through fresh or prior charcoal. (I) Application of activated and regenerated charcoals in the dechlorination of water. I. A. Kubikh and I. M. Glazman. *Ibid.* 193-219.—A highly active product (II) is obtained by treating I with Cl$_2$ with hot 1-2 *N* NaOH; the activity of II increases with each repetition of the process. This effect is not obtained with com. activated charcoals. B. C. A.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



Calculation of equilibrium concentrations starting from the equilibrium constant. [illegible] (text). Ada Chin, [illegible] Tech. Univ., Budapest, Hungary). Magyar Kem. Folyoirat 67, [illegible] (1961). For the reaction $aA + bB \rightleftharpoons mM + nN$, the equation for the equil. const. is $K = [(mc)^m(nc)^n]/[(a - ax)^a(b - bx)^b]$, where x is the equil. conversion, the fraction indicating the conversion of the A component present in the stoichiometric quantity. a' and b' are initial concns. c and c equil. concns., K_c = the quotient of activity coeff., $a = a' + b'$, and $x = y/a$. This equation, determinative of the equil. conversion, has only one real root possessing phys. meaning regardless of the compn. of the initial mixt. and the numerical value of the equil. const.

Arthur Fletcher

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

Mecke, R.

HUNG.

1. Relation between the vapour pressure and molecular structure of liquids — *Összefüggés folyadékok gőznyomása és molekulaszerkezete között* — I. Mészáros (Hungarian Journal of Chemistry — *Magyar Kémiai Folyóirat* — Vol. 59, 1953, No. 10, pp. 295–300, 4 tabs)

The relation between the different states is given by the simplified equation $\log \frac{1}{\pi} = a\left(\frac{1}{\Delta} - 1\right)$ where Δ = the reduced temperature and π = reduced vapour pressure. Better agreement between experimental and calculated values are obtained by calculating the constant a by the simple addition of the atomic and bond increments as in the case of other additive values *e.g.* molecular refraction, parachor etc. It is sufficient to know the critical constants of a compound and its structure, the vapour pressure data at any given temperature are calculable by the addition of the values given in a table to obtain the constant a and by using the equation above. It is noteworthy that the method is not limited to normal compounds.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, P.

Calculation of the conversion of equilibrium research. p.1 (Kozlemenyei, Budapest, Vol 4, no. 1/2, 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

Moritz, Peter

HUNGARY/Physical Chemistry. Liquids and Amorphous Bodies. B-o
Gases.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14567

Author : Peter Moritz
Inst : Academy of Sciences of Hungaria.
Title : Method of Approximate Computation of Critical Pressure in Liquids

Orig Pub: Magyar tud. akad. kem. tud. oszt. kozl., 1956, 8, No 1, 115-120

Abstract: It is shown that the logarithm of the critical pressure of a liquid is added up of magnitudes connected with atoms or atom groups. The error in the computation of the critical pressure by this rule does not exceed few percent.

Card 1/1

Hungary/Analytical Chemistry.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

POLTZ, F., Nitskei, J.

Brazilin as an acid-base indicator. In German. p. 359.
(ACTA CHIMICA. Vol. 11, no. 3/4, 1957, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957. Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, P. (Budapest)

Data on the coherence between the viscosity and surface tension of liquids. Periodica polytechn chem 3 no.3:167-176 '59. (EEAI 9:6)

1. Institut fur Anorganische Chemie der Technischen Universitat, Budapest.
(Liquids)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Peter

Correlation between the viscosity and surface tension of liquids.
Magy kem folyoir 67 no.4:169-171 Ap '61.

1. Budapesti Muszaki Egyetem Szervetlen-Kemiai Tanszeke.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, P. (Budapest, XI., Gellert ter 4)

On the approximate calculation of vapor pressures of liquids.
Periodica polytechn chem 6 no.4:221-232 '62.

1. Department of Inorganic Chemistry of the Technical University, Budapest. Presented by Prof. Dr. J. Proszt.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Peter

Approximate method for computing the vapor pressure of liquids. Magy kem lap 17 no.10:452-453 O '62.

1. Budapesti Muszaki Egyetem Szervetlen Kemiai Tanszeke.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Péter, dr. (Budapest XI., Gellert tér 4)

On the approximate calculation of critical temperatures of liquids. Acta chimica Hung 32 no.1:97-102 '62.

1. Department of Inorganic Chemistry, Technical University, Budapest.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Peter

Calculating temperature coefficient of the molecular free surface energy. Magy kem folyoir 68 no.6:231-233 Je 62.

1. Budapesti Musszaki Egyetem Szervetlen-Kemiai Tanszeke.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZ, Peter

Approximate method for the calculation of the critical volume of liquids. Magy kem folyoir 69 no.10:467-469 O '63.

1. Budapesti Muszaki Egyetem Szervetlen-Kemiai Tanszeke.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZNE GYENGE, Anna

The formation of a "quality index" on the basis of control-card data. Elelm ipar 17 no.3:89-92 Mr '63.

1. Kereskedelmi Minosegellenorzo Intezet.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZNE, GYENGE, Anna; RAVASZ, Laszlo

Further development of the quality control in the food industry by means of mathematical statistics. Elelm ipar 17 no.6:177-184 Je '63.

1. Kereskedelmi Minosegellenorzo Intezet.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZNE GYENGE, Anna

Measuring the quality of consumers' goods. Magy elet 18 no.2:4 17 Ja '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZNE.GYENGE, Anna

Relation between industry and commerce. Musz elet 18 no.6:4 14 Mr '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORITZNE GYENGE, Anna

Introduction of control cards in the Hungarian sweets industry.
Musz elet 18 no.2216 24 O '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHAT, I.V.

Kimbarovskii's color sedimentation reaction in eye diseases. Zdrav. Bel. 6 no.12:34 D '60. (MIRA 14:1)

1. Iz kliniki glaznykh bolezney Vitebskogo meditsinskogo instituta (zav. - prof. M.E. Kashuk).
(URINE--ANALYSIS AND PATHOLOGY)
(EYE--DISEASES AND DEFECTS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KORKHAT, I.V. (Vitebsk)

Role of the feldsher-midwife centers in the elimination of trachoma in a rural area. Fel'd. i akush. 26 no.5:43-45 My '61. (MIRA 14:5)

(MIORY DISTRICT—CONJUNCTIVITIS, GRANULAR)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHAT, I.V.

Method for taking a graft for laminar transplantation of the cornea. Vest.oft. no.5:42-44 '62. (MIRA 15:12)

1. Klinika glaznykh bolezney (zav. - prof. M.E.Kashuk, [deceased]) Vitebskogo meditsinskogo instituta.
(CORNEA—TRANSPLANTATION)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KASHUK, M.E., prof. [deceased]; MORKHAT, I.V., assistent

Technique of enucleation of the eye. Zdrav. Bel. 9 no.3: 53-54 Mr '63 (MIRA 16:12)

1. Iz kliniki glaznykh bolezney Vitebskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHAT, I.V.

Experimental implantation of a preserved cornea into the pathological focus developed following a thermal burn of the cornea. Vest. oft. 76 no.5:71-78 S-O '63.
(MIRA 17:1)

1. Kafedra glaznykh bolezney (zav. - prof. M.E. Kashuk [deceased] i dotsent Ya.A. Kagan) Vitebskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

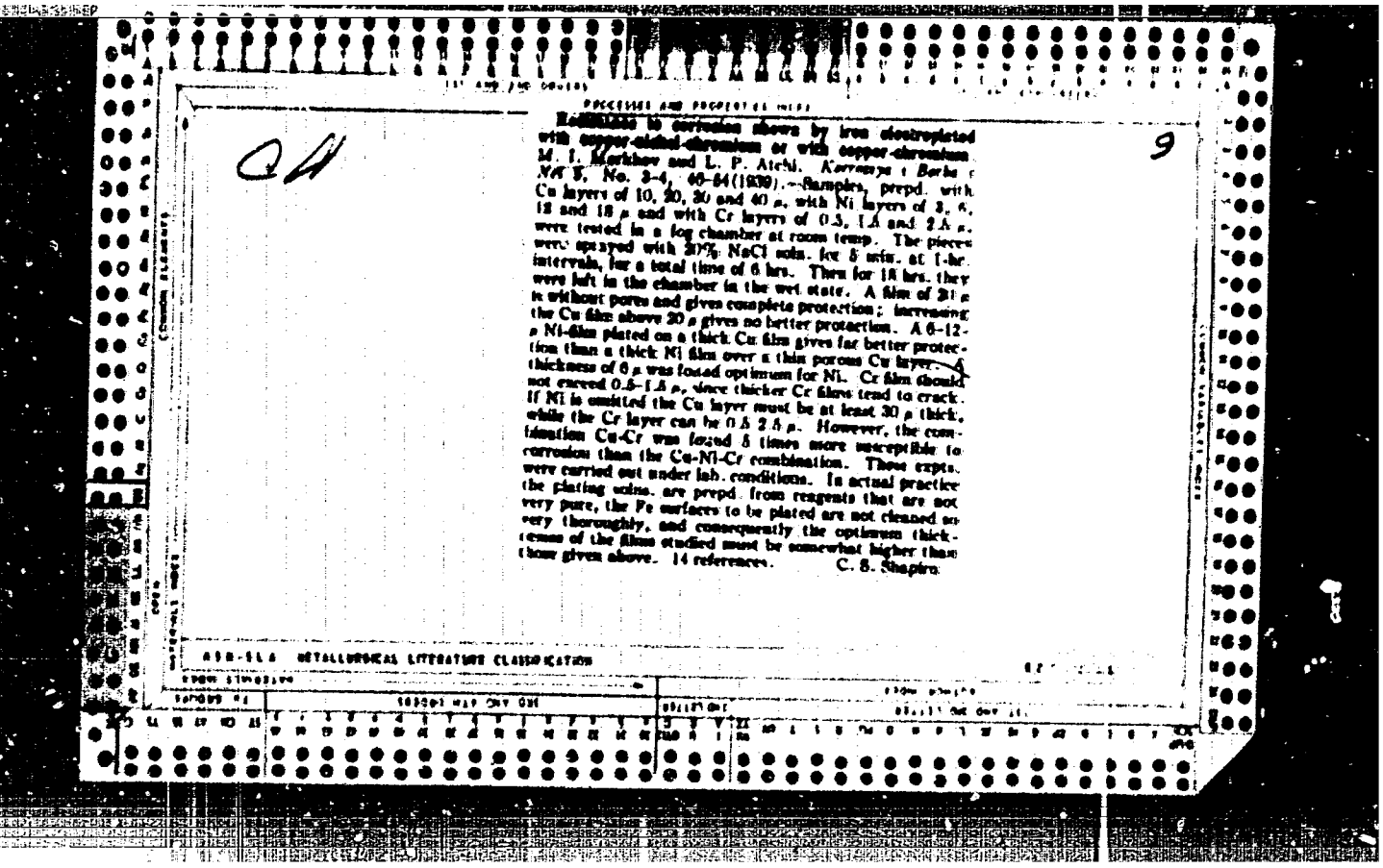
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHAT, V.V.

Universal chip and dust remover. Mashinostroitel' no.9:38-39 S '65. (MIRA 18:12)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

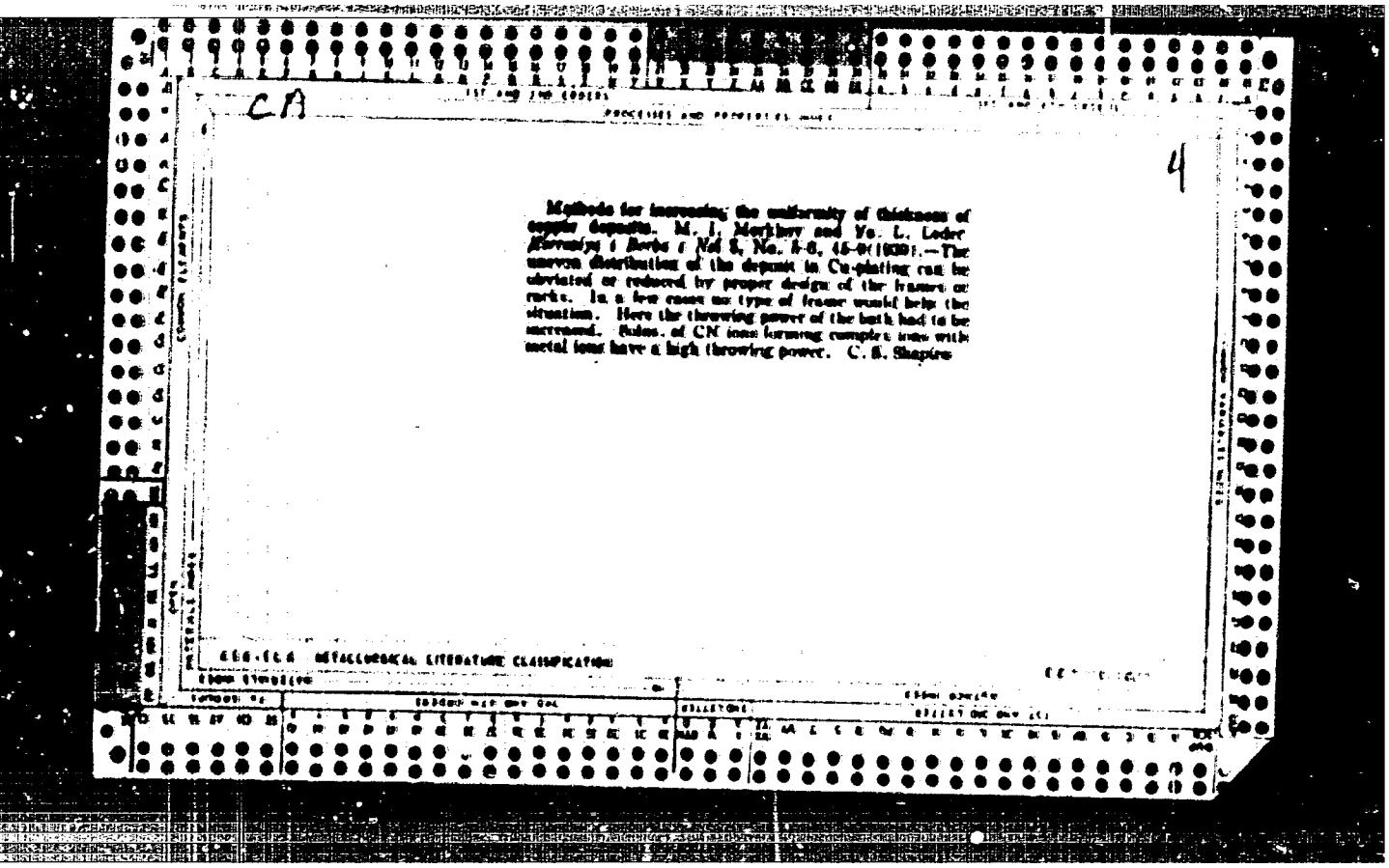
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



Redistribution to corrosion shown by iron electroplated with copper-nickel-chromium or with copper-chromium. M. I. Markhov and L. P. Atchi. *Korroziya i Borba s Nim.* No. 3-4, 40-64(1939).—Samples, prepd. with Cu layers of 10, 20, 30 and 40 μ, with Ni layers of 3, 6, 12 and 18 μ and with Cr layers of 0.5, 1.A and 2.A μ, were tested in a fog chamber at room temp. The pieces were sprayed with 20% NaCl soln. for 5 min. at 1-hr. intervals, for a total time of 6 hrs. Then for 18 hrs. they were left in the chamber in the wet state. A film of 31 μ is without pores and gives complete protection; increasing the Cu film above 20 μ gives no better protection. A 6-12-μ Ni-film plated on a thick Cu film gives far better protection than a thick Ni film over a thin porous Cu layer. A thickness of 6 μ was found optimum for Ni. Cr film should not exceed 0.5-1.5 μ, since thicker Cr films tend to crack. If Ni is omitted the Cu layer must be at least 30 μ thick, while the Cr layer can be 0.5-2.5 μ. However, the combination Cu-Cr was found 5 times more susceptible to corrosion than the Cu-Ni-Cr combination. These expts. were carried out under lab. conditions. In actual practice the plating solns. are prepd. from reagents that are not very pure, the Fe surfaces to be plated are not cleaned so very thoroughly, and consequently the optimum thicknesses of the films studied must be somewhat higher than those given above. 14 references. C. S. Shapiro

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



CA

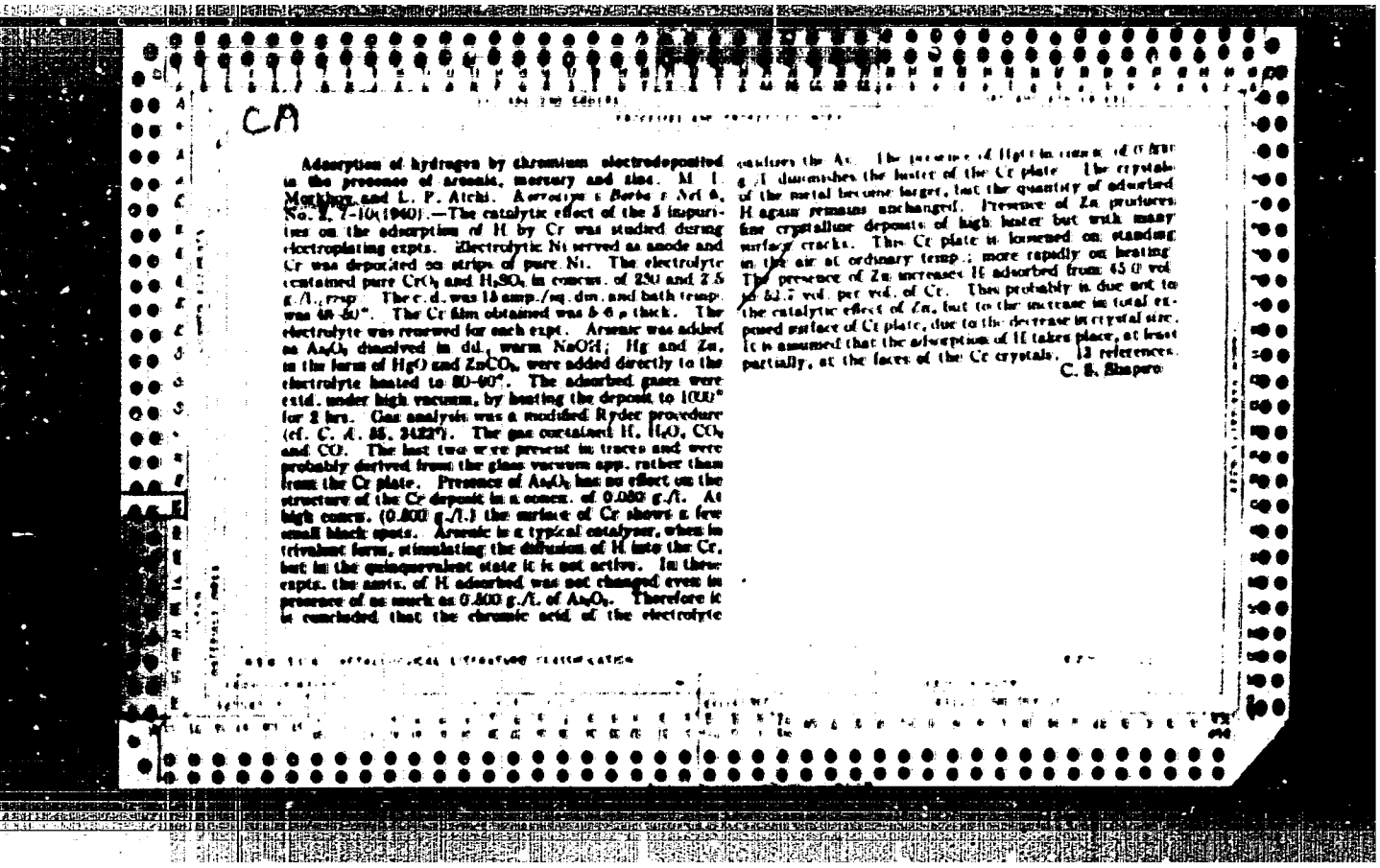
4

Methods for increasing the uniformity of thickness of copper deposits. M. I. Mordkhay and Ya. L. Loder *Zhurnal Prikl. Khim.* (*J. Applied Chem.*) *[U.S.S.R.]* 13, No. 8-9, 45-8(1939).—The uneven distribution of the deposit in Cu-plating can be obviated or reduced by proper design of the frames or racks. In a few cases the type of frame would help the situation. Here the throwing power of the bath had to be increased. Baths of CN ions forming complex ions with metal ions have a high throwing power. C. S. Shapiro

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



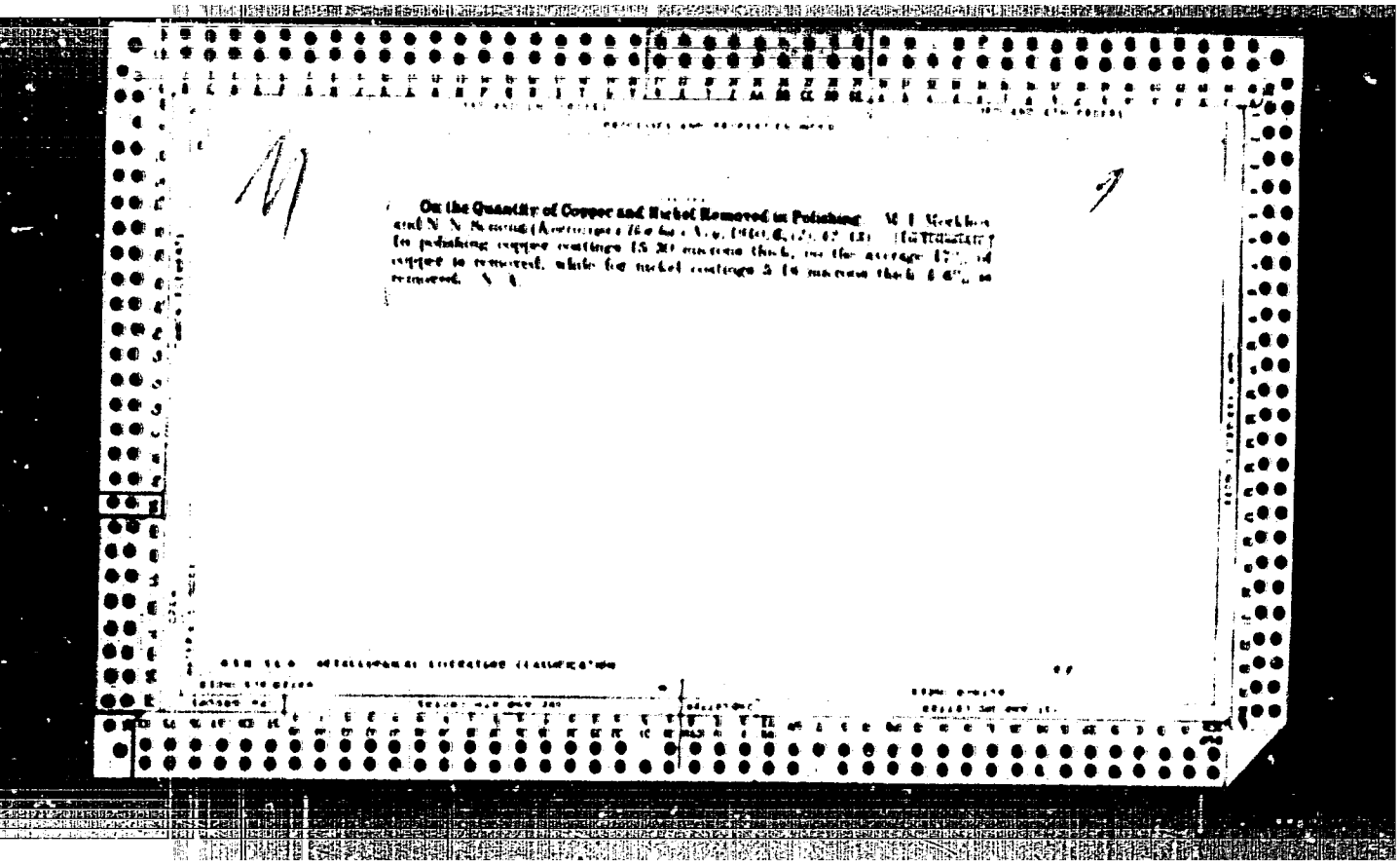
CA

Adsorption of hydrogen by chromium electrodeposited in the presence of arsenic, mercury and zinc. M. I. Mordkin and L. P. Atchi. *Korroziya i Borba s Nei* 8, No. 2, 7-10(1940).—The catalytic effect of the 3 impurities on the adsorption of H by Cr was studied during electroplating expts. Electrolytic Ni served as anode and Cr was deposited on strips of pure Ni. The electrolyte contained pure CrO_3 and H_2SO_4 in concns. of 250 and 2.5 g./l., resp. The c.d. was 18 amp./sq. dm. and bath temp. was 48-50°. The Cr film obtained was 5-6 μ thick. The electrolyte was renewed for each expt. Arsenic was added as As_2O_3 dissolved in dil., warm NaOH; Hg and Zn, in the form of HgO and $ZnCO_3$, were added directly to the electrolyte heated to 80-90°. The adsorbed gases were estd. under high vacuum, by heating the deposit to 1000° for 2 hrs. Gas analysis was a modified Ryder procedure (cf. C. A. 35, 3422⁸). The gas contained H, H_2O, CO_2 and CO. The last two were present in traces and were probably derived from the glass vacuum app. rather than from the Cr plate. Presence of As_2O_3 has no effect on the structure of the Cr deposit in a concn. of 0.080 g./l. At high concn. (0.800 g./l.) the surface of Cr shows a few small black spots. Arsenic is a typical catalyzer, when in trivalent form, stimulating the diffusion of H into the Cr, but in the quinquevalent state it is not active. In three expts. the amts. of H adsorbed was not changed even in presence of as much as 0.800 g./l. of As_2O_3. Therefore it is concluded that the chromic acid of the electrolyte oxidizes the As. The presence of Hg[illegible] g./l. diminishes the luster of the Cr plate. The crystals of the metal become larger, but the quantity of adsorbed H again remains unchanged. Presence of Zn produces fine crystalline deposits of high luster but with many surface cracks. The Cr plate is loosened on standing in the air at ordinary temp.; more rapidly on heating. The presence of Zn increases H adsorbed from 65.0 vol. to 85.5 vol. per vol. of Cr. This probably is due not to the catalytic effect of Zn, but to the increase in total exposed surface of Cr plate, due to the decrease in crystal size. It is assumed that the adsorption of H takes place, at least partially, at the faces of the Cr crystals. 13 references.

C. B. Shapro

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

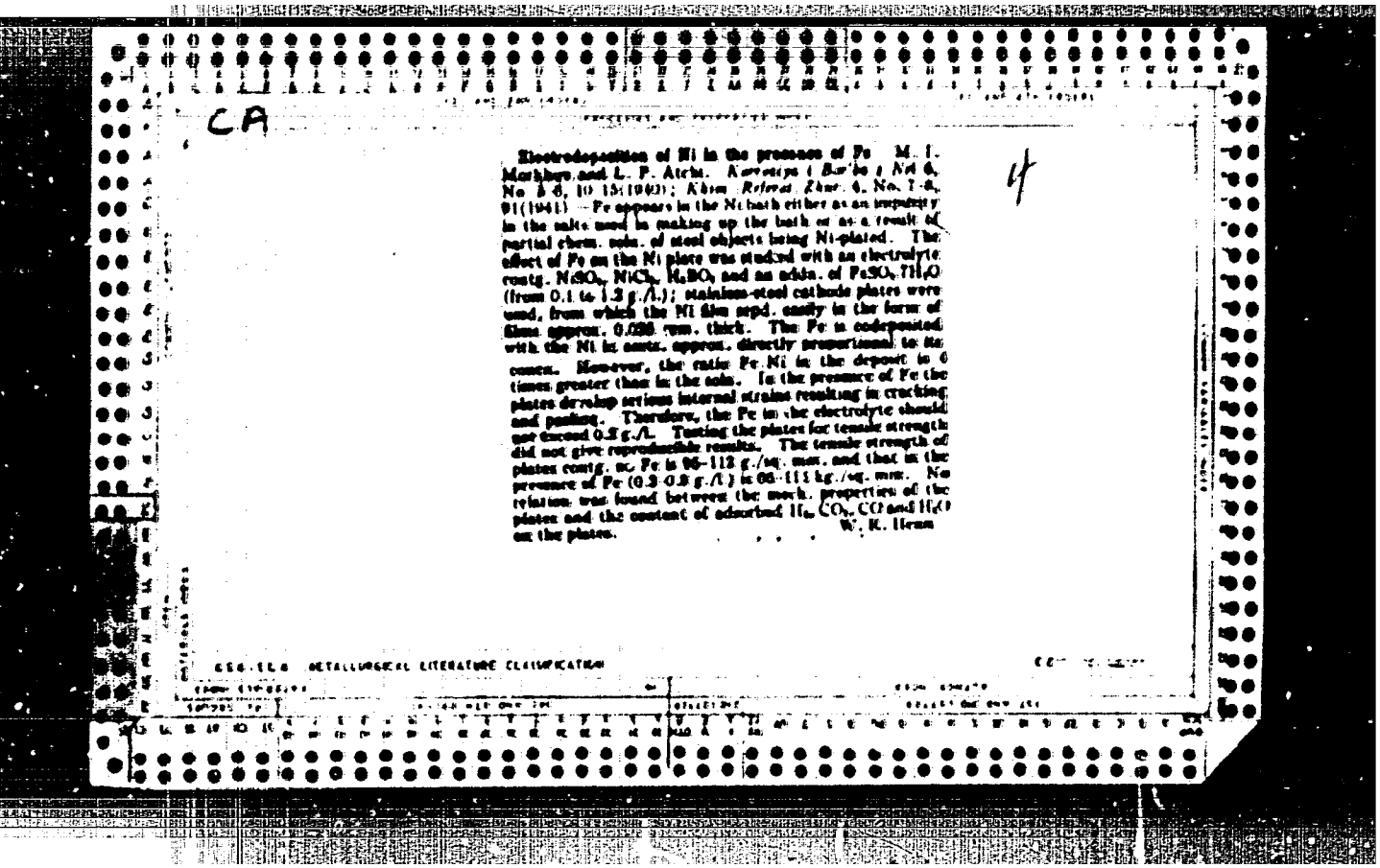
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



On the Quantity of Copper and Nickel Removed in Polishing

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



CA

4

Electrodeposition of Ni in the presence of Fe. M. I. Markhaye and L. P. Atchs. *Kavkazye i Bar'be i Nil* 6, No 5-6, 10-15(1940); *Khim. Referat. Zhur.* 4, No. 7-8, 91(1941). — Fe appears in the Ni bath either as an impurity in the salts used in making up the bath or as a result of partial chem. soln. of steel objects being Ni-plated. The effect of Fe on the Ni plate was studied with an electrolyte contg. $NaSO_4$, $NiCl_2$, H_3BO_3 and an addn. of $FeSO_4.7H_2O$ (from 0.1 to 1.3 g./l.); stainless-steel cathode plates were used, from which the Ni film sepd. easily in the form of films approx. 0.020 mm. thick. The Fe is codeposited with the Ni in amts. approx. directly proportional to its concn. However, the ratio Fe:Ni in the deposit is 6 times greater than in the soln. In the presence of Fe the plates develop serious internal strains resulting in cracking and pealing. Therefore, the Fe in the electrolyte should not exceed 0.5 g./l. Testing the plates for tensile strength did not give reproducible results. The tensile strength of plates contg. no Fe is 96–112 g./sq. mm., and that in the presence of Fe (0.3–0.5 g./l.) is 66–111 kg./sq. mm. No relation was found between the mech. properties of the plates and the content of adsorbed H_2, CO_2, CO and H_2O on the plates.

W. R. Hrun

USSR METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHOV, M. I., Engineer

"Gilding by Fire With Gold Leaves and a Galvanic Process." Sub 14 May 51, Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin

Dissertations presented for science and engineering degrees in Moscow during 1951

SO: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KORKHOV, M.I., kandidat tekhnicheskikh nauk; SMIRNA, M.M., mladshiy nauchnyy sotrudnik [deceased].

The cohesion of nickel coatings with anode-pickled, sand-blasted steel and mat finish nickel. Sbor.st.NIIKHIMMASH no.15:116-127 '54. (MLRA 10:1)

(Nickel plating--Testing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KORKHOV, M.I., kandidat tekhnicheskikh nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik.

The cohesion of nickel coatings with chemically pickeled, sand-blasted steel and mat finish nickel. Sbor.st.MIKHMASH no.15:128-139 '54. (MLRA 10:1)

(Nickel plating--Testing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHOV, M.I., kandidat tekhnicheskikh nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik.

Cohesion of nickel coatings with polished copper, steel, and nickel. Sbor.st.NIIKHIMMASH no.15:140-149 '54. (MLRA 10:1)
(Nickel plating)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORILOV, M.L., kandidat tekhnicheskikh nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik.

Porosity of gold coatings and the corrosion of gilded metals. Sbor. st. NIIKHIMMASH no.15:174-195 '54. (MLRA 10:1)
(Gold plating--Testing) (Corrosion and anticorrosives)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

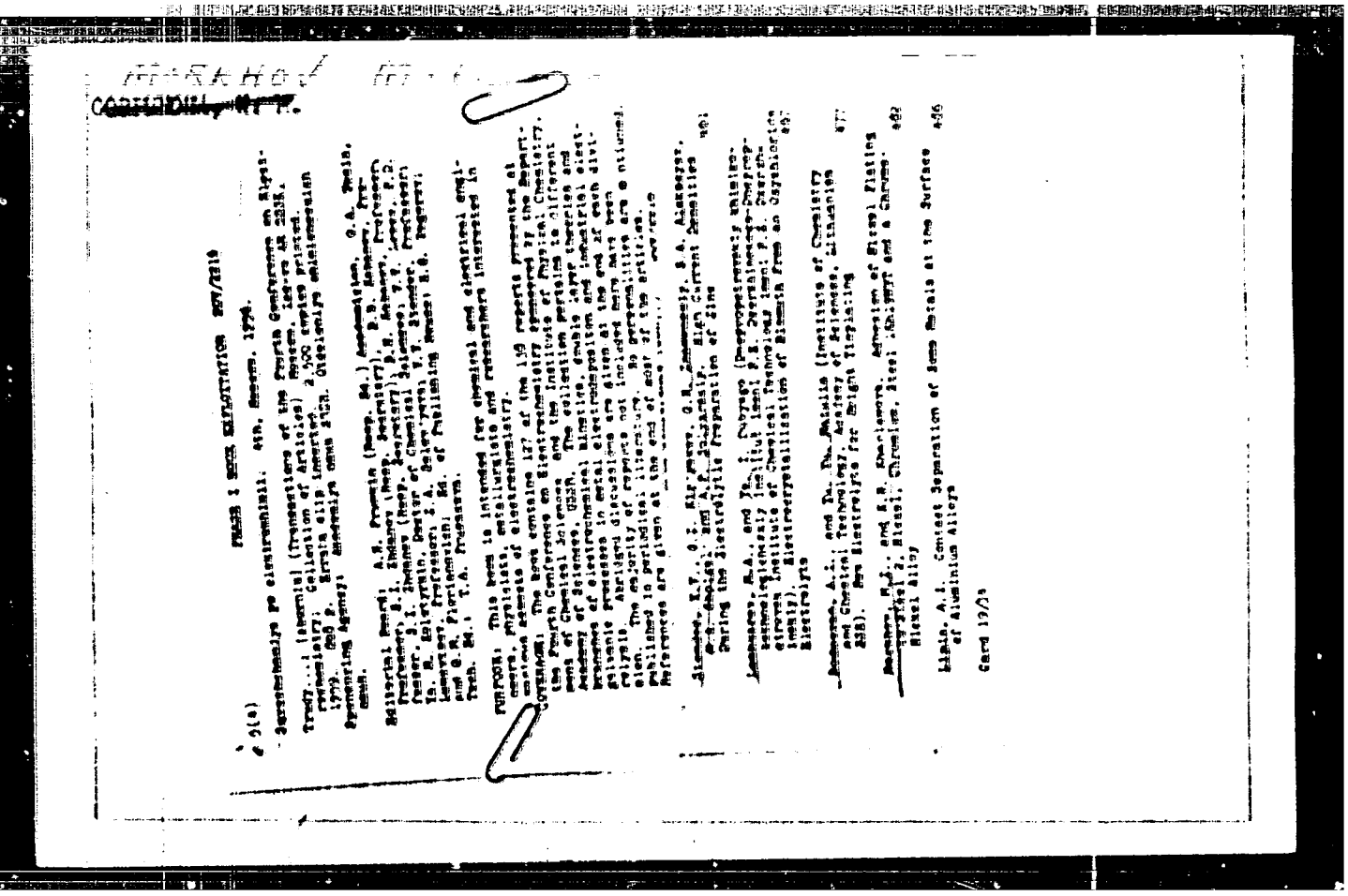
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KORKHOV, M.A.; SHARLAMOVA, K.M.; DOLIN, N.I.

Nickel plating of weights of technical weight sets taking into consideration their given mass. Izm. tekh. no.3:31-33 My-Je '57.
(Weights and measures) (Nickel plating) (MLRA 10:8)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MOSKHOV, M.I., kand.tekhn.nauk; YAKOVLEVA, E.A.

Removal of mineral oils from the surface of steel. Mash.-mash. no.1: 32-35 Ja '59. (MIRA 12:7)
(Steel) (Cleaning compounds)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik; MOLKHOV, M.I., kand.tekhn. nauk

Cohesion between nickel coating and nickel, chromium, low-carbon and stainless steels and chromium-nickel alloy. Trudy NIIKHIMMASH no.28:12-24 '59. (MIRA 15:6)
(Protective coatings) (Nickel plating)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHOV, M.I., kand.tekhn.nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik.

Cohesion between nickel coating and low-carbon sandblasted steel.
Trudy NIIKHIMMASH no.28:24-28 '59. (MIRA 15:6)
(Protective coatings) (Steel)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

[redacted], M.I., kand.tekhn.nauk.

Mechanical properties of electrolytic nickel. Trudy NIIKHIMASH no. 28:29-37 '59. (MIRA 15:6)
(Nickel--Analysis)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKOV, M.I., kand.tekhn.nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik; SEMIN, V.K., inzh.

Galvanoplastic production of nickel linings for autoclaves. Trudy NIIKHIMASH no.28:38-43 '59. (MIRA 15:6)
(Autoclaves) (Nickel plating)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORKHOV, M.I., kand.tekhn.nauk; KHARLAMOVA, K.N., mladshiy nauchnyy sotrudnik.

Porosity of galvanoplastic nickel coatings. Trudy MIKHM'ASH no.28:44-54 '59. (MIRA 15:6)
(Protective coatings) (Nickel plating)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

MORUKHOV, M.I., kand.tekhn.nauk.; YEGOROVA, K.A., inzh.

Cleaning acid electrolyte of copper plating from organic impurities by activated carbon. Trudy NIIMASH no.28:89-94 '59. (MIRA 15:6)
(Copper plating)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

KHARLAMOVA, K.N., kand.tekhn.nauk; MORKHOV, M.I., kand.tekhn.nauk; NOVIKOV, O.P., inzh.; KORYAGINA, V.V., inzh.

Purification of nickel and copper plating electrolytes by the separation method. Khim.mash. no.2:23-26 Mr '62. (MIRA 15:3)

(Nickel plating) (Copper plating) (Electrolytes)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8

ACCESSION NR: AP5021373 S/0121/65/000/001/0034/0035

AUTHOR: Kharlamova, R. N. (Candidate of technical sciences); Mark ov, M. I. (Candidate of technical sciences); Davydova, I. M. (Engineer); Nazarenkova, L. A. (Engineer); Terekhova, Ye. N. (Engineer)

TITLE: Photoelectrochemical method for preparing nonwoven sieves for filter centrifuges

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 1, 1965, 34-35

TOPIC TAGS: sieve preparation, steel sieve, nonwoven sieve, filter centrifuge, polyvinyl alcohol, phenoformaldehyde resin, perchlorovinyl varnish, electrochemical deposition, nickel plating, chromium plating

ABSTRACT: A method for preparing steel sieves for centrifuges with work ing layer thickness is described. A diapositive of the desired pattern of slit-shaped openings in the sieve is prepared and the thoroughly cleaned and pickled sheet steel (0.5 mm) is cut to the needed dimensions, placed in the centrifuge, and covered with an emulsion of polyvinyl alcohol, ammonium dichromate, and plasticizer PB by rotating the centrifuge at 100 rpm. Three layers are applied and dried in the centrifuge at 45-50°, and the pattern from the diapositive copied to the film.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130009-8"